



Electrician

Job Code: 0073

Originated:

Revised: 08/06

HR Ordinance Status: Classified

Salary Grade: 1286

EEO Code: 26

FLSA: Non Exempt

Supervisory: No

CLASS SUMMARY

Performs skilled journey level electrician work to install, alter, maintain and repair electrical systems, equipment and fixtures in accordance with standard practices of the electrical trade.

DISTINGUISHING CHARACTERISTICS

This is a stand-alone job classification and is not supervisory.

ESSENTIAL FUNCTIONS

Performs duties and responsibilities commensurate with assigned functional area within a department(s) which may include, but are not limited to, any combination of the following tasks:

- Maintains, repairs and replaces a variety of pumps, motors, exhaust fans, coolers and appliance motors.
- Maintains 120 volt to 480 volt electrical systems.
- Repairs or replaces electrical switches, fixtures, etc.; and inspects fuses, buss bars and electrical contacts.
- Lays out plans, installs, maintains and repairs electrical equipment such as: high current heaters, sprinkler controls, motor control circuits, alarm systems, public address systems, lighting circuits, heating and air conditioning circuits, photo and electrical eyes and time clocks.
- Designs and installs switches and controllers for booster pump circuitry.
- Installs lighting facilities for park, basketball courts, tennis courts and baseball fields; provides exterior and interior lighting for buildings and offices.
- Performs other duties as assigned.

MINIMUM QUALIFICATIONS

Knowledge, Skills and Abilities

Knowledge of:

Principles, methods, materials, equipment and tools used in electrical construction and maintenance.

Hazards and precautionary methods of the electrical trade.

National Electric Code and relevant municipal codes.

Occupational hazards and necessary safety precautions.

Principles and practices of safe motor vehicle operation and maintenance.

Traffic laws, ordinances and rules involved in motor vehicle operation.

Ability to:

Interpret assignments from blueprints, sketches and material takeoffs.

Prioritize schedule and work tasks and complete work within specified time periods and deadlines.

Make basic mathematical computations.

Listen and communicate effectively.

Maintain detailed records of maintenance activities and completed work orders.

Perform work in a safe and timely manner.

Commit to teamwork, have a shared commitment to quality and demonstrate the willingness to assume ownership.

Troubleshoot and adjust defects in electrical systems and equipment.

Perform as a team player who works effectively with City staff and citizens; creative thinker who is driven by opportunities to continually improve.

Establish and maintain effective working relationships with co-workers, supervisors and the general public.

Complete required OSHA/Safety Training as required.

Education and Experience:

Completion of a recognized four year electrical apprenticeship and at least two years experience as a journey level electrician.

Licensing and Other Requirements:

A valid Arizona driver's license with no major driving citations in the last 39 months is required for all driving positions.

Other pertinent licenses and/or certifications may be required of some positions depending on department/section assignment.

SUPERVISION RECEIVED AND EXERCISED

- Works under moderate supervision by a Facilities Contract Coordinator in the Facilities Division of the Community Services Department and within standard operating procedures.

WORK ENVIRONMENT/PHYSICAL DEMANDS

The physical demands and work environment characteristics described here are representative of those that must be met by an employee to successfully perform the essential functions of this job or that an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Seldom sedentary and includes walking or moving.
- Bend and stoop repeatedly; good hand/eye coordination.
- Climb ladders or steps to reach work areas.
- Work at heights greater than ten feet.

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- Remain in a standing position for extended periods of time.
- Make precise arm-hand positioning movements (i.e., operates an electric hand drill); lift arms above shoulder level to work in various areas.
- Moderate exposure to dust, noise, inclement weather and temperature extremes.
- Measure distances with a tape measure or other measuring device.
- Work in small, cramped areas such as ceiling crawl spaces, equipment enclosures, closets, etc.
- Travel across rough, uneven, or rocky surfaces; climbing elevations.
- Operate and care for a variety of shop equipment and hand tools used in electrician trade.
- Lift and move heavy objects over 50 lbs. long distances (more than 20 feet).
- Perceive the full range of the color spectrum.
- Operate a two way radio and a variety of standard office equipment including a computer terminal, telephone, 10-key calculator, copy and fax machine requiring continuous and repetitive arm, hand and eye movement.
- Operate a motor vehicle to travel to/from various City locations.
- Act as a "standby" electrician for responding to emergency calls after normal working hours.

This job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.